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JP2001058969A ☐ **20010306** FullText**Title:** (ENG) NITROGEN MONOXIDE PRODUCTION INHIBITOR**Abstract:** (ENG)

PROBLEM TO BE SOLVED: To obtain a nitrogen monoxide production inhibitor that is useful for occlusive cerebrovascular disorder and the like with side-effect reduced by extraction-treating the plant that has been used as a legendary herb in Indonesia.

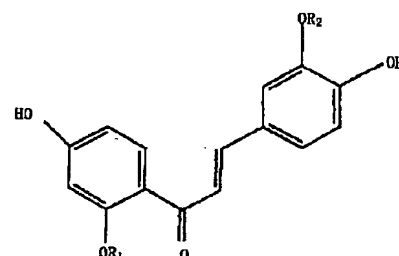
SOLUTION: A compound represented by formula I (R₁ and R₂ are each H or a 1-6C alkyl) or formula II (R₃ is H or a residue of monosaccharide) or their salts or their hydrates is used as an active ingredient. The compound represented by formula I bearing methyl groups as R₁ and R₂ is new and is isolated from the body of a plant called Kaya secang in Indonesia (Caesalpinia sappan) by solvent extraction and the like. The compound of formula II where the R₃ is a glucose residue is also obtained from a plant called Sambi boto in Indonesia (Andrographis paniculata) by the extraction from the plant body with a solvent or the like.

Application Number: JP 23420799 A**Application (Filing) Date:** 19990820**Priority Data:** JP 23420799 19990820 A X;**Inventor(s):** OSHIMA KOICHI ; FUJIMIYA YOSHIKI ; SODA MAKOTO ; TAKANO FUMIHIDE ; FUSEYA SHINJI**Assignee/Applicant/Grantee:** NETTAIRIN SAISEI GIJUTSU KENKY

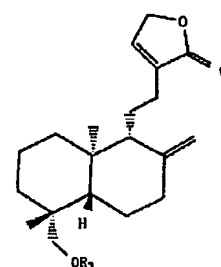
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A61P03500; A61P04300; C07D30758; C07C04574; C07H01526

Other Abstracts for Family Members: CHEMABS134(15)212687Q**Other Abstracts for This Document:** CHEMABS134(15)212687Q**Patents Citing This One (3):**

- WO2005054170A1 20050616 TAKARA BIO INC JP; OHNOGI HIROMU ; SUGIYAMA KATSUMI ; ENOKI TATSUJI ; KOBAYASHI EIJI ; SAGAWA HIROAKI ; KATO IKUNOSHIN REMEDY
- WO2004096198A1 20041111 TAKARA BIO INC JP; ENOKI TATSUJI JP; KOBAYASHI EIJI JP; OGAWA KINUKO JP; KUDO YOKO JP; TANABE MASASHIGE JP; SUGIYAMA KATSUMI JP; OHNOGI HIROMU JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP THERAPEUTIC AGENT
- WO2004031165A1 20040415 TAKARA BIO INC JP; ONOGI HIROMU JP; SUGIYAMA KATSUMI JP; MURAKI NOBUKO JP; ENOKI TATSUJI JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP REMEDIES

Legal Status: There is no Legal Status information available for this patent

I



II

